

The Concept of Information in the Light of
Lenin's Theory of Reflection, by N. I. Zhukov,
12 pp.

RUSSIAN, per, Voprosy Filosofii, No 11,
1963, pp 153-161,
JPRS 26012

Sci - Misc
Aug 64

265,897

Some Timely Problems in Social Psychology, by
V. N. Kolbanovskiy, 14 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1963, pp 16-25.
JPRS 24395

Sci-Med
May 64

257,438

Modeling of Information and Programs in Complex
Systems, by N. M. Amosov, 14 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
~~1964~~, pp 26-34.
JPRS 24395

1963

Sci-Med
May 64

257,435

The Problem Requires Further Collective Investigations, by B. S. Ukraintsev, 10 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1963, pp 160-164.
JPRS 24395

Sci-Med
May 64

257,436

Philosophical Investigations in the Problems of
Engineering Psychology, by L. B. Itel'son, 6 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVII, No 12,
1963, pp 165-167.
JPRS 24395

Sci-Med
May 64

257,437

Classification of Matter and Motion in Marxist
Philosophy, by A. I. Ignatov, 16 pp. (SE-3095)
RUSSIAN, per, Voprosy Filosofii, Vol XVIII,
No 1, 1964.
JPRS 24562

Sci - Misc
May 64

259, 188

Methodology for Research in Structures and Systems, by A. G. Spirkin, B. V. Sazonov, 8 pp.
RUSSIAN, per, Voprosy Filosofii, Vol XVIII,
No 1, 1964.
JPRS 246562 (SF-3095)

Sci - Misc
May 64

259, 189

On the Elaboration of a Theory of Scientific
Knowledge, by N. F. Ovchinnikov, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 2,
19 Feb 1964, pp 14-24.
JPRS 24941

Sci - Misc
Jun 64

260,749

The Reflection "Cellule" and Reflection as a Property
of All Matter, by V. S. Tyukhtin, 16 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 25-34.
JPRS 25222

USSR
Soc
Jun 64

261,301

Sociological Research and Criminology, by
B. S. Utevskiy, 9 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 46-51.
JPRS 25222

USSR
Soc
Jun 64

261,302

Bourgeois Sociology and the Myth of Excess
Free Time, by G. S. Petrosyan, 16 pp.
RUSSIAN, per, Voprosy Filozofii, No 2,
1964, pp 52-61. ✓
JPRS 24941

Sxci - Misc
Jun 64

260,750

S-593/64

The Interrelation of Information and System,
by L. A. Petrushenko. (DC-10510)

RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 104-114.

*JPRS

Sci - Misc
21 May 64

Mathematical Logic and Contemporary Formal
Logic, by A. A. Vetrov, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 115-125.
JPRS 24941

Sci - Misc
Jun 64

260,751

On the Problem of the Correlation of Modern
Formal Logic and Mathematical Logic,
by G. I. Ruzavin, 18 pp.

RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 126-137.

JPRS 24941-24941

Sci - Misc
Jun 64

260,2752

JPRS 25222

USSR
Soc
Jun 64

261,303

S-338/64

(DC-10437)

Study of the Dialectics of the Idea is an Important
Problem for Dialectical Logic, by A. P. Shepitulin.
(AP-413)

RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 171-173.

*JPRS

USSR

Soc

Apr 64

S-593/64

Technical Progress and the Worker, by
A. Ye. Gafit, Ye. V. Krut'ko, et al. (DC-10510)

RUSSIAN, per, Voprosy Filosofii, No 2, 1964,
pp 178, 179.

*JPRS

Sci - Misc
21 May 64

Problems of Methodology in the Natural Sciences,
by B. M. Kedrov, 17 pp.
RUSSIAN, per, Voprosy Filosofii, No 3, 1964,
pp 38-49.
JPRS 24979

Sci - Med
Jun 64

260,785

An Experiment in Concrete Research on Attitudes
Towards Labor, by A. G. Zdravomyslov,
V. A. Iadov.
RUSSIAN, per, Voprosy Fil, No 4, 1964, pp 72-84.

CDSP
Vol XVI, No 24, pp 12-17.

USSR
Econ
Jan 65

S-509/64

Systems and Information, by W. Ross Ashby.SF-3166

RUSSIAN, per, Voprosy Filosofii, Vol XVIII,
No 3, 1964, pp 78-85.

*JPRS

Sci - Math & Data Proc
May 64

The Political and Ideological Adaptation of the
Catholic Church Second Vatican Council and the
Problem of Aggiornamento, by L. N. Velikovich, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 4, 1964,
pp 134-144.
JPRS 25514

WW
Soc, Pol
Jul 64

264,154

Causes of Religious Survival and the Means
for Its Elimination, by Ye. A. Karpovskiy, 16 pp.
RUSSIAN, per, Voprosy Filosofii, No 4, 1964,
pp 145-156,
JPRS 25212

USSR
Soc
Jun 64

262,070

Bring the Theory of Scientific Atheism up to
the Level of Current Requirements, 15 pp.
RUSSIAN, per, Voprosy Filosofii, No 5, 1964,
pp 3-12.
JPRS 25393

EUSSR
Soc
Jul 64

263,288

Mathematical Simulation in Sociological Research,
by P. P. Maslov, 18 pp.
RUSSIAN, per, Voprosy Filosofii, No 5, 1964, pp 65-75,
JPRS 26705

Sci - M & DP
Dec 64

269,669

Soviet Evaluation of Thomas Cooper's Atheistic
Materialism , by N. M. Goldberg, M. G. Yaroshevskiy,
13 pp.
RUSSIAN, per, Voprosy Filosofii, No 7, Jul 1964,
pp 130-140.
JPRS 27,361

USSR
Soc
Jan 65

271,517

Soviet Scientists Discuss the Methodology and Planning
of Scientific Research, by B. F. Semkov, 6pp.
RUSSIAN, per, Voprosy Filosofii, No 7, 1964, pp 154-157.
JPRS 28070

Sci - Misc
Feb 65

273,327

Militant Weapons of Atheistic Propaganda, by G. L.
Andreyev, A. D. Sukhov, et. al., 12 pp.
RUSSIAN, per, Voprosy Filosofii, No 7, Jul 1964,
pp 12 158-165.
JPRS 27,341

USSR
Soc
Jan 65

271,685

Precision Methods in Social Research, by Yu. A.
Levada, 13 pp
RUSSIAN, per, Voprosy Filosofii, No 9, 1964,
pp 13-24
JPRS 29365

USSR
Soc
Apr 65

277,461

From Structural Linguistics to Semiotics, by I.
L. Mevius, 16 pp
RUSSIAN, per, Voprosy filosofii, Vol XVIII, No
9, 1964, pp 43-53.
JPRS 29451

UNIT
Sci-Math/Data Processing
Apr 65

277,608

Contains Sociological Aspects of Town Modeling, by
L. D. Rogan and V. I. Loktev, 13 pp
RUSSIAN, per, Voprosy filosofii, Vol XVIII, No
9, 64, pp 131-139
JPRS 29451

UNRE
Soc
Apr 65

277,609

Philosophical Problems of Cybernetics, by
B. V. Kiryukov, A. G. Spirkin, 20 pp.
RUSSIAN, per, Voprosy Filosofii, No 9, 1964,
pp 111-119.
JPRS 28872

Sci-Math & Data Processing
Mar 65

276,130

S-1202/64

Selected Articles From the Russian Periodical
Problems of Philosophy, No 10, 1964. (SF-3465
RUSSIAN, per, Voprosy Filosofii, Moscow, No 10,
1964, pp 59-70; 71-82; 151-157.

*JPRS

Sci - Misc
Dec 64

Certain Methodological Problems of Modeling, by V. A. Venikov, 17 pp.
RUSSIAN, per Voprosy Filosofii, No 11, 1964,
pp 73-84.
JPRS 28829

Sci-Physics
Mar 65

275,868

Formulate Methodological Problems in Biology
with Greater Thoroughness, 11 pp.
RUSSIAN, per, Voprosy Filosofii, No 12, 1964,
pp 25-32.
JPRS 28968

Sci-Biol & Med
Mar 65

276,115

Theory of a Non-Linear Accelerator for
High Energy, by Yu. F. Orlov, 29pp.
RUSSIAN, Trans, of mono. Voprosy Fiziki
Elementarnykh Chastits [Physics of
Elementary Particles, Erevan]
CFSTI UCRL Trans-1071.

322,678

Sci - Metallurgy
Apr 67

Questions of Physics of the Atmosphere, by N. S.
Shishkin, 140 pp.

RUSSIAN, bk, Voprosy Fiziky Atmosfery.

Amer Meteorological Soc

Sci - Phys

Mar 62

The Motor Analyser, by L. S. Gambaryan, 170 pp.
RUSSIAN, bk, Voprosy Fiziologii Dvigatel'nogo
Analizatora, Moscow, 1962.
OTS 63-11174
PL-480

Sci - Biol & Med Sci
Jun 64

260,394

Theory of a Non-Linear Accelerator for High
Energy, by Yu. F. Orlov, 28 pp.
RUSSIAN, per, Voprosy Fiziki Elementarnykh
Chastits, Ak Nauk Armyanskoy SSR, 1963, pp 508-526.
9224658
AEC-UCRL-Tr-1071

Sci-Phys
Sep 64

267,323

English Title unknown
Gosudarstvennyi Komitet Soveta Ministrov
SSSR po Ispol'zovaniyu Atomnoi Energii.
RUSSIAN, bk, Voprosy Fiziki Elementanykh
Chastits. Izdatel'stvo Akademii Nauk
Armenianskoi SSR, Erevan, 1963, pp 594.
*SFCSI

USSR
SCI-Phy
Mar 65

English Title unknown

PHYSIOGRAPHIC ZONING OF THE URALS, BY A. A.
MAKUNINA, A. I. SOLOV'YEV, 10 PP.

RUSSIAN, PER, VOPROSY FIZ GEOGRAF SSSR, 1959,
CALL NO GB 236 G 99, ENG TRANS.

ARMY MAP SERVICE

USSR
GEOG
20 AUG 62

207,306

Physiographic Zones of the Western Putornana
Mountains, by N. I. Mikhaylov, 43 pp.

RUSSIAN, bk, Voprosy Fiz Geograf SSSR, 1959,
pp 5-37.

AMS

USSR
Geog
Oct 62

212,108

Alay and Separation of the Central Asian Mountains
Into Individual Mountain Systems, by N. A.
Gvozdet'skiy, 4 pp. (extracts)

RUSSIAN, per, Voprosy Fiz Geograf SSSR, 1959,
pp 138-142, (Call No. GB 236 G99, Eng Trans)

AMS

USSR
Geog
Oct 62

Modern Aspects of Particle Physics, 1965, by Z. I. Alilshanyan, 521 pp.
RUSSIAN, mono. Voprosy Fiziki Elementarnykh Chastits,
Yerevan, 1963. Collection of Lectures Given at Session
of the Spring School of Theoretical and Experimental
Physics (No 3) held on 3-13 Apr 63 at Nor-Amberd.
CFSH TT-65-50130

313,235

Sci - Physics
Oct 66

(FID 20578)

Introduction of the Book "Problems of Physiology of Interception," by K. M. Bykov, 2 pp.

RUSSIAN, bk. Voprosy Fiziologii Interotseptsi, Vol I, Moscow/Leningrad, 1952, p 3.

CIA/FDD/U-5840

USSR
Sci - Med

13,122

Apr 54 CTS

(FDD 20579)

The Principle of Temporary Connections in the Physiology
of Interception, by E. Sh. Ayraxet'yants, 37 pp.

RUSSIAN, bk. Voprosy Fiziologii Interotseptsi, Vol I,
Moscow/Leningrad, 1952, pp 5-23.

CIA/FDD/U-5841

USSR

Sci - Med, physiology, reflexes

PT-1227

13,120 OTS-77-62-15050

Apr 54 CTS

(FDD 20580)

Effect of a Traumatic Injury of the Hypothalamus on
Interceptive Reflexes by R. S. Vinitzkaya, 24 pp.

~~EXCERPT~~
RUSSIAN, bk. Voprosy Fiziologii Interotseptiv, Vol I,
Moscow/Leningrad, 1952, pp 152-165.

CIA/FDD/U-5812

USSR

Sci - Med, physiology, reflexes

FT-1230

Apr 54 CTS

13,119 150-166

OTS TT-62-15056

(FDD 20581)

The Influence of the Functional State of Certain ~~Brain~~
Divisions of the Central Nervous System on Interoceptive
Reflexes, by G. A. Kovalova, 50 pp.

RUSSIAN, bk. Voprosy Fiziologii Interotseptov, Vol I,
Moscow/Leningrad, 1952, pp 236-244.

CIA/FDD/U-5843

USSR

Sci - Med, physiology, reflexes

FT-1226

Apr 54 CTS

13,117

(FDD 21462)

Interceptors and the Skeletal Musculature,
by O. S. Merkulova, 113 pp.

RUSSIAN, bk; Vop Fiziol Interotseptsi, Vol I,
Moscow/Leningrad, 1972, pp 323-395.

CIA/FDD/U-6360

USSR
Sci - Medicine

18,219

V
(PDD 21463)

Extinction of the Vegetative Reactions During
Excitation of Peripheral Apparatus of Various
Analyzers, by S. S. Muz Musyashchikova, 34 pp.

RUSSIAN, bk. Vop X Fiziol Interotseptsii,
Vol I, Moscow/Leningrad, 1952, pp 411-428.

USSR
Sci - Medicine

CIA/PDD/U-6361

5072 Center-RT2927

18,217

(FDD 20582)

The Effect of Inhalation of Carbon Dioxide and Oxygen
on the Interoceptive Reflexes, by T. V. Popova, 30 pp.

RUSSIAN, bk. Voprosy Fiziologii Interotseptsi, Vol I,
Moscow/Leningrad, 1952, pp 455-468.

CIA/FDD/U-5844

USSR

Sci - Med, respiration of carbon dioxide and oxygen

13, 118

Apr 54 CTB

(FDD 20583)

The Interceptive Reflexes Under the Conditions of Met-hemoglobinemia and of Hypoxia Induced by Administration of KCN, by T. V. Popova, 31 pp.

RUSSIAN, bk, Voprosy Fiziologii Interotseptsi, Vol I, Moscow/Leningrad, 1952, pp 469-483.

CIA/FDD/U-5845

USSR

Sci - Med, effects of poisons

13, 116

Apr 54 CTS

(FDD 21464)

Effect of Temperature Shifts in the Organism of
Interceptive Reflexes, by T. V. Popova, 36 pp.

RUSSIAN, bk, Vop Fiziol. Interotseptsi, Vol I,
Moscow/Leningrad, 1952, pp 484-500.

CIA/FDD/U-6362

USSR

Sci - Medicine

18, 218

(FDD 20584)

Interaction of the Exteroceptive and Interoceptive Conditioned Reflexes Under Normal Conditions and on Disturbance of Thyroid Function by Administration of Methylthiouracil, by D. S. Tendler, 20 pp.

RUSSIAN, bk, Voprosy Fiziologii Interotseptsi, Vol I, Moscow/Leningrad, 1952, pp # 505-514

CIA/FDD/U-5839

USSR

Sci - Med, physiology, relaxes, thyroid glands

Apr 54 CES

13, 121

(FDD 25748)

Problems of Interceptive Physiology, 7 pp.

RUSSIAN, bk, Voprosy Fiziologii Interotseptsi,
Vol I, Moscow, 1952, pp 629, 630.

CIA/FDD/U-7297

USSR

Sci - Medicine, physiology

CTS 72/Sep 55

28, 541

Principles for Determining the Dates for
Irrigation of Cotton from the Amount of Absorption^{ve}
Power of the Leaves, by V. Shardakov,

RUSSIAN, per, Voprosy Fiz Khimicheskoi i Trav,
pp 5-32. 1957,

C.S.I.R.O. 4555
OTS-62-10905

Sci

Apr 60

115,338

Self Diffusion in Tantalum, by *G. RUZIN*
Mr Meshkov, 3 pp.

np
RUSSIAN, ~~per~~, Voprosy Fiz Metal i Metal
Nauk Ukrain SSR, 1955, p 570.

Ak

AEC Tr 2926

51,831

Sci - Physics
Aug 57

Influence of Tungsten on the Bonding Energies
in the Crystals of Alpha-Iron, by
G. Ya. Kozyrakiy, 5 pp.

RUSSIAN, mono, Voprosy Fiziki Metalliv i
Metallovedeniya, 1956, pp 28-31.

SLA 60-16972

Sci
Vol IV, No 8
2 Jun 62

198,000

~~Enshelment~~

The Effect of Various Methods of Deformation on the
Crystal Structure of Niobium, by L.I. Lybak,
L.V. Tikhonov.

RUSSIAN, bk, ~~Vys~~ Voprosy Fiziki Metallov i
Metallovedeniya, 1959, pp 27-35. CIA 9660830

ATIC MCL 452

Sci - Phys

May 61

152,866

Structural and Property Changes in Powder Metallurgy
Titanium During Rolling in a Vacuum, by A.K. Butylenko,
V.N. Gridnev, V.I. Trefilov.

RUSSIAN, bk, Voprosy Fiziki Metallov i ~~M~~ ^Uspalovedeniya,
1959, pp 89-97. CIA 9660830

ATIC MCL 452

Sci. - Min/Met

May 61

152,868

Growth of Crystals in the Solid Phase, by:
L. N. Larikov, 11 pp.

RUSSIAN, per, Voprosy Fiz Met i Metallov,
Sbornik, No 10, 1959, pp 111-120.

MDF L-135
9092966

Sci
Nov 61

L-136

A Study of the System Cr-Nb-V, by V.N. Svechnikov,
Yu. A. Kocherzhinskiy, Ye. Ye. Maystrenko, et al.

RUSSIAN, bk, Voprosy Fiziki Metallov i Metallovedeniya,
1959, pp 120-132. CIA 9660830

ATIC MCL 452

Sci - Min/Met; Phys

May 61

152,869

Influence of Soluble Impurities on the Linear
Growth Rate of Recrystallization Centers, by
L. N. Larikov, 10 pp.

RUSSIAN, per, Voprosy Fiz Met i Metallov,
Sbornik, No 10, 1959, pp 121-129.

MDF L-136
9092967

Sci
Nov 61

Influenc of Alloying and Heat Treatment on Elastic
Properties of Nickel Allows, by I.G. Polotskiy,
T. Ya. Beniyeva.

RUSSIAN, bk, Voprosy Fiziki Metallov i Metallovedeniya
1959, pp 178-184. CIA 666830

ATIC MCL 452

Sci - Min/Met

May 61

152,870

The Determination of the Diffusion Parameters of
Iron Along Grain Boundaries in Cobalt and Cobalt
Along Grain Boundaries in Copper, by
S. D. Gertsriken, T. K. Yatsenko, 7 pp.
RUSSIAN, per, Voprosy Fiz Metal i Metallov,
Ak Nauk S.S.R. Sbornik Nauch Rabot, No 11, 1960,
pp 117-120.

CIA/FDD XX-1616
NO FOREIGN DISSEM

Sci
Nov 64
USIB Internal Use Only

269,291

Study of the Effect of Plastic Deformation on the
Electrical Properties of Alloys of the Fe-Al System,
by I. Ya. Dekhtyar, S. G. Litovchenko, R. G.
Fedchenko.

RUSSIAN, per, Voprosy Fiz Metal i Metallov, Ak Nauk
SSSR, Sbornik Nauch Rabot Inst Metallofiz, No 11,
1960, pp 121-128.

BISI 2832

Sci - Phys, Min/Metals

203,578

Jul 62

list 136

The Influence of Hardening and Tempering on the
Fine Crystal Structure of Martensite, by
L. I. Lysak, 24 pp.

RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, Sbornik Nauchnykh Rabot,
Izd-vo AN UkrSSSR, No 12, Kiev, 1961, pp 21-36.
9678849

FTD-TT-62-625

Sci-Phys, Min/Met, Chem
Dec 62

217,630

Study of the Energy of Electrons in Metals
Utilizing the Phenomenon of Annihilation of
Positrons by Electrons, by I. Ya. Dekhtyar,
V. S. Mikhailenkov, 23 pp.

RUSSIAN, bk, Voprosy Fiziki Metallov i ~~Metall~~
Metallizovaniya, Sbornik Nauchnykh Rabot,
Izd-vo AN UKSSR, No XII, Kiev, 1961, pp 46-60.

FTD-TT-62-625

Sci-Phys
Dec 62

217,623

Change in Coercive Force During Cyclic Heat
Treatment, by I. Y. Dekhtyar, E. G. Madatova.

RUSSIAN, per, Voprosy Fiz Metal i Metallor,
Ak Nauk Ukrain SSR, No 12, 1961, pp 73-87.

ILL N. 3639

Sci - Phys

201, 165

Aug 62

The Influence of Alloying Elements on Changes in
Mosaic Structure and Martensite Crystal-Lattice
Distortions, by L. I. Lysak, 15 pp.

RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, Sbornik Nauchnykh Rabot,
Izd-vo AN UkrSSR, No XII, Kiev, 1961, pp 124-134.

FTD-TT-62-625

Sci-Min/Mat, Phys, Chem
Dec 62

217,624

Calculation of the Roentgen Debayev Temperature of Crystals
With Face-Centered Cubic Lattice, by M. A. Krivoglaz,
7 pp.

RUSSIAN, per, Voprosy Fiz Metal i Metallov, No 13, 1961,
~~XXXXXXXX~~ pp 35-43.

ACSI I-3617
KX ID 2250322

Sci
PHYS
Mar 64

251,348

Effect of Heating Rate on the Temperature Intervals
of Conversions During Electroannealing of Steel, by
V. N. Griznov, Yu. Ya. Mashkov, 6 pp.

RUSSIAN, bk, Voprosy Fiz Metall i Metallovedeniya,
No 14, 1962, pp 116-120. 9668565

FTD-TT-63-48

Sci-M & M
May 63

230,870

Electric Resistance of Ordered Alloys With
a Hexagonal Close-Packed Crystalline Lattice,
by Z. A. Matysina, A. I. Nosov⁴, 7 pp.
RUSSIAN, per, Voprosy Fiziki Met i Metall,
ISSN Metal Shornik Nauchnykh Rabot, No 14,
1962, pp 121-125. 9697447
FTD-TT-65-84

Sci - M/M
Aug 65

284,392

On the Existence of Martensite Crystal Formation
Centers Above the Point of Metastable Equilibrium,
by I. A. Arbuzova, L. G. Khandros, 7 pp.

RUSSIAN, bk, Voprosy Fiz Metall i Metallovedeniya,
No 14, 1962, pp 147-151. 9658565

FTD-TT-63-48

Sci- M & M
May 63

230,871

Crystal Lattice Defects and X-Ray Scattering, by
V.M. Danilenko and L.V. Tikhonov.
RUSSIAN, per, Voprosy Fiziki Metallov i
Metallurgiya, No.15, 1962, pp.3-79.
AF/ANS-TR-547
9701058-V

AFCRL T-R-547

E. Sci
Aug 66

308,673

X-Ray Diffraction Study of the Structure of
Some Liquid Alloys of Indium with Lead
and Tin, by A. V. Romanova, A. S. Lashko.
RUSSIAN, per, Voprosy Fiziki Metallov i
Metallovedeniya, No 15, pp 87-89, 1962
AEC NP-TT-1245 9229700

Sci-M&M
Nov 65

291,922

Dislocation Theory of Brittle Fracture, by V. I. Trefilov,
14 pp.
RUSSIAN, per, Voprosy Fiziki Metallov i Metallovedeniya,
No 16, 1962, pp 3-15.

JPRS 23509

Sci-Mat & Met
Mar 64

251,522

Structure Changes During Unsteady Heating
of Nozzle Vanes Made From a Cast, Nickel
Base Heat Resisting Alloy, by V. N. Gridnev,
A. I. Yefimov, 12 pp.
RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, No 17, Kiev, 1963, pp 98-110.
JPRS 24826

~~SECRET~~
In
Sci - M/M
Jun 64

261,701

Investigation of Crystal Structure Change
During Thermal Fatigue of Alloy ZhS-6K,
by A. P. Glazov, L.I. Lysak, et al, 9 pp.
RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, No 17, Kiev, 1963, pp 111-119.
JPRS 24826

Sci - M/M
Jun 64

261,702

Effect of Unsteady Heating on Change of
Magnetic and Electrical Properties of Alloy
ZhS-6K, by V. I. Borisova, I. Ya. Dekhtyar,
et al, 13 pp.
RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, Kiev, No 17, 1963, pp 120-131.
JPRS 24826

Sci - M/M
Jun 64

261,703

Study of the Diffusion and Oxidation Processes
in Alloy ZhS-6K Under Conditions of Thermal
Cycling, by S. D. Gertsriken, I. Ya. Dekhtyar,
8 pp.
RUSSIAN, bk, Voprosy Fiziki Metallov i
Metallovedeniya, Kiev, No 17, 1963, pp 132-137.
JPRS 24826

Sci - M/M
Jun 64

261, 704

Internal Friction of Nickel at High Temperatures,
by O. A. Balous.

RUSSIAN, per, Vopr Fiz Metal i Metallov Inst
Metallfiz AN Ukr SSR, No 20, 1964, pp 52-63.
NLL Ref: 9022.4 (67/37)

Sci-Mat
Aug 68

363,678

Effect of Plastic Deformation of the Gamma
Phase on the Strengthening of Iron-Nickel
Alloy During Subsequent Martensitic Transforma-
tion, by Yu. N. Koval', L. G. Khandros, 7 pp.
UKRAINIAN, per, Voprosy Fiz Metall i Metall,
Inst Metal Sbornik Nauch Rabot, Ak Nauk UkrRSR,
No 18, 1964, pp 69-73. 9897448
FTD-TT-65-85

Sci - M/M
Aug 65

284,395

Niobium-Cobalt Phase Diagram, by A. K. Shurin,
G. P. Smitriyeva.
RUSSIAN, per, Vopr Fiz Metal i Metalloved, Ak Nauk
Ukr SSR, Sb Nauchno Rabot, No 18, 1964, pp 175-177.
ATS RJ-5117

Sci-Chem
July 69

385,499

X-Ray Diffraction Determination of Type II Stresses
and Block Sizes in Thin Permalloy Films, by V. P.
Skvorchuk and G. V. Khar'kova.
RUSSIAN, per. Vopr. Fiz. Metal. i Metallov. Inst.
Metallofiz. AN Ukr. SSR, No 18, 1964, pp 187-188.
NLL 9022.4 (66/354)

Sci-Chem
Nov 67

345,424

The Acid-Alkali Relations in the Brain of Rats
During Various Functional States of the Central
Nervous System Caused by Unconditioned and
Conditioned Reflex Agents, by B. Gordon, 15 p.

RUSSIAN, mono, Voprosy Fiziol i Morfolozh, Tsentral
Nerv Sist., 1953, pp 109-115.

SLA 59-17791

Sci
Feb 60
Vol 2, No 12

108,205

Problems in the Physics of Clouds and Active
Modification, by N. S. Shishkin, L. P.
Zhdanova, A. N. Serfeyev.

RUSSIAN, bk, Voprosy Fiziki Oblakov i
Aktivnykh Vozdeystviy Glavnyaya Geofizicheskaya
Akademiya Nauk SSSR, Moscow, 1980, 112 pages, 112 illustrations.

S-879/60

(NY-6375).

Problems of the Physics of Cloud^s and Fog^s, Collection
of articles, by I. M. Dolgin,

RUSSIAN, bk, Voproay Fiziki Oblakov i Tumanov,
No 1, pp 1-174.

1959

*JPRS

Sci - Geophys

4 May 61

Contributions to Physical Oceanology, by
V. N. Stepanov, 204 pp.
RUSSIAN, bk, Voprosy Fizicheskoi Okeanologii,
1962.
CFSTI TT 66-51030

Sci - ES & Oceano
Jun 67

326,019

Problems in Reactor Shielding Physics, by
D. L. Broder, et al.
RUSSIAN, bk, Voprosy Fiziki Zashchity Reaktorov,
Sbornik Statey, 1963.
NASA TT F-411

Sci-Phys
Jul 67

331,763

Use of the Method of "Removal Cross
Section" For the Computation of
Shielding Not Containing Hydrogen, by
D. L. Broder, et al.
RUSSIAN, rpt, Voprosy Fiziki Zashchity
Reaktorov, 1963, pp 52-60.
NASA TT F-10,155

Sci- Phys
Jul 66

306,512

Spatial-Energy Distribution of Neutrons in Thick
Layers of Iron, by V. P. Mashkovish.
RUSSIAN, per, Sbornik Statey. Voprosy Fiz
Zashchity Reaktorov, 1963, pp 182-190.
*FTD-MT-24-257-67

Sci/Physics
Aug 67

Deformation of the Spectrum of Fast Neutrons in
Concrete and Water, by Yu. A. Yegorov.
RUSSIAN, per, Sbornik Statey. Voprosy Fiz
Zashchity Reaktorov, 1963, pp 190-192.

*FTD-MT-24-257-67

Sci/Physics
Aug 67

Protective Properties of Certain Types of
Concrete, by V. N. Avayev, G. A. Vasil'yev, et al,
8 pp.
RUSSIAN, per, Voprosy Fiz Zashchity Reaktorov, ,
1963, pp 183-198.
JPRS 25467

Sci - NS
Aug 64

265,311

Space-Energy Distribution of Neutrons in Thick
Layers of Iron, by V. P. Maslovich,
V. K. Sakharov, 10 pp.
RUSSIAN, rpt, Voprosy Fiziki Zashchity Reaktorov.
Sbornik Statey. Gosatomizdat, Moscow, 1963.
pp 182-190. P100242868-V
FTD-MT-24-257-67

Sci-Phys
Oct 68

367.525

Deformation of the Spectrum of Fast Neutrons
in Concrete and Water, by Yu. A. Yegorov.

3 pp.

RUSSIAN, rpt, Voprosy Fiziki Zashchity Reaktorov.

Sbornik Statev. Gosatomizdat, Moscow, 1963.

pp 190-192. P100242868-V

FTD-MT-24-257-67

Sci-Nucl Sci

Oct 68

357,526

Counters and Dosimeters for Studying Shielding and
the Protective Properties of Materials,
by V. N. AAyayev, G. A. Vasil'yev, 16 pp.
RUSSIAN, per, Voprosy Fiz Zashchity Reaktorov,
1963, pp 260-270.
JPRS 25467

Svl - NS
Aug 64

265,312

Nervnyy Sistemny, 1966, pp. 1-10

FTD-TT-63, 1175

Sci-Biol & Med Sci
June 64

279

260,826

Problems of the Physiology and Pathology of Higher
Nervous Activity in Man and Animal, 1037 pp.
RUSSIAN, bk, Voprosy Fiziologii i Patologii Nervnoy
Sistemy, 1959, pp 1-632. 9692300
FTD-TT-63-651

Sci - Biol & Med Sci
May 64

257,430